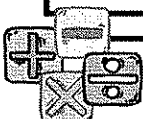
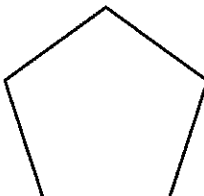
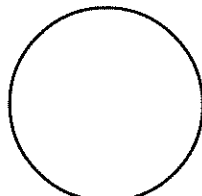


# Problems of the Week



## Visual

Shade in each figure to show the fraction 0.7.



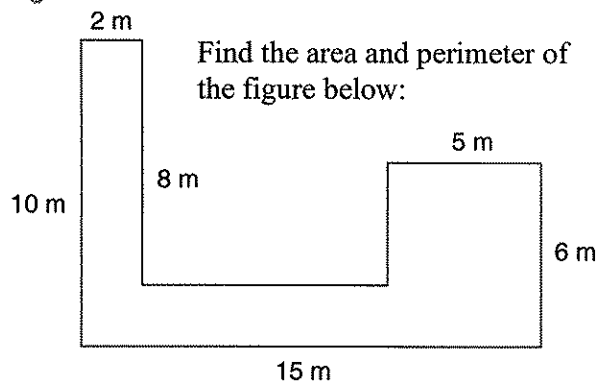
## Multi-Step

Marnie planted 90 seeds in her garden.

$\frac{1}{3}$  of the seeds did not come up. How many seeds came up?

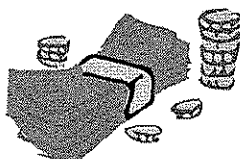


## Geometry/Measurement



## Fraction Action

A mechanic makes \$15.25 an hour for a forty hour work week. She pays  $\frac{1}{4}$  of her income in taxes. She saves  $\frac{1}{5}$  of her income. After paying taxes and putting money in savings, how much does she have left each week?



## Problem-Solving Strategies

**Make a table**

Gary spent \$2.30 when he bought 8 pieces of fruit. Apples cost \$0.25 and pears cost \$0.35. How many of each fruit did he buy?

Apples	Cost	Pears	Cost	Total Cost



## What Do You Say?

While riding in the car, you see a pasture with many cows in it. What is your strategy for estimating how many cows are in the field?

\*See answer key. The Mental Math section should not be duplicated for the students.



## Mental Math

1.  $640 + 280$
2.  $1000 - 390$
3.  $47.6 - 12.4$
4. Round 14.0721 to the nearest hundredth.
5. Round 57,412 to the nearest thousand.
6. Find the area of a square where one side is 4 meters.
7. What is  $\frac{1}{2}$  of 1200?
8. What is 3 times 410?
9. What is  $\frac{1}{2}$  of 5 written as a decimal?
10. Divide 100 by 10, add 3, subtract 7 and multiply by 2.



## Keeping Skills Sharp

Write answers here:

- |   |           |
|---|-----------|
| 1. $120 - 18 =$   | 1. _____  |
| 2. $405 \times \frac{1}{5} =$   | 2. _____  |
| 3. $8 - 0.28 =$   | 3. _____  |
| 4. $2586 \div 3 =$  | 4. _____  |
| 5. 5,280 feet = _____ miles   | 5. _____  |
| 6. Find the perimeter of the triangle: side $A = 7.5$ cm, side $B = 7.1$ , side $C = 8.2$ cm.           | 6. _____  |
| 7. Find the mode for the following set of measurements:<br>5 m, 7 m, 5 m, 5 m, 7 m, 6 m, 10 m, 5 m, 7 m | 7. _____  |
| 8. $23 - (6 + 2) \div 2 =$  | 8. _____  |
| 9. If you roll a fair six-sided number cube, what is the probability of rolling a prime number?         | 9. _____  |
| 10. Complete the pattern: 12, 6, 3, 1.5, _____, _____, _____  | 10. _____ |